

Message

From: Autrey, Brad [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=BE99DBD409BE4563BC615951F5D03562-AUTREY, BRAD]
Sent: 4/28/2017 8:01:00 PM
To: Lindstrom, Andrew [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=04bf7cf26aa44ce29763fbc1c1b2338e-Lindstrom, Andrew]; Strynar, Mark [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=5a9910d5b38e471497bd875fd329a20a-Strynar, Mark]
CC: Buckley, Timothy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=197a3461d9824a17850f34cc2b0b37fe-Buckley, Timothy]; Zambrana, Jose [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=88e570833823499c9bd33b7e782845ac-Zambrana, Jose]; Biales, Adam [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=db4c5362720344acbe5db220fbe410f2-Biales, Adam]; Medina-Vera, Myriam [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b081a1f48a044b4c9d1ebc4992c54dee-Medina-Vera, Myriam]
Subject: RE: Need your immediate attention - re: case studies on research and technical assistance for States
Attachments: Cape Fear NC.docx; Decatur AL PFAS.docx

Andy and Mark-

Attached are short write ups for the Cape Fear and Decatur PFAS work. We're going to try to get these finalized and added to the ECOS summaries no later than **Monday May 1st**.

These are supposed to be lean and pithy so I'm very short on the details. However, we want to make sure that the really important points are made, so if I've left any of those out, please add them in.

We'll need to note our State partners for these as well.

I had the pictures for Alabama that Andy sent when we were working on the NJ story, but if you have anything for NC, please let me know. Otherwise, I'll find us a stock photo.

Thanks for your help with this and my apologies for the rush.

-Brad

Brad Autrey
U.S. EPA - National Exposure Research Lab
Communications Team
26 West Martin Luther King Drive - MS 587
Cincinnati, OH 45268
Desk: (513)569-7368

Personal Phone / Ex. 6

From: Lindstrom, Andrew
Sent: Thursday, April 27, 2017 4:12 PM
To: Autrey, Brad <Autrey.Brad@epa.gov>; Strynar, Mark <Strynar.Mark@epa.gov>
Cc: Buckley, Timothy <Buckley.Timothy@epa.gov>; Zambrana, Jose <Zambrana.Jose@epa.gov>; Biales, Adam <Biales.Adam@epa.gov>; Medina-Vera, Myriam <Medina-Vera.Myriam@epa.gov>
Subject: RE: Need your immediate attention - re: case studies on research and technical assistance for States

Brad,

I think Alabama, North Carolina, and Minnesota are the strongest links we have.

The research in the Decatur, Alabama was the foundation of the OWs Provisional Health advisory for PFOS and PFOA. We established an accurate and reliable water method that was used immediately to gage the severity of the local water contamination issue allowing EPA to identify homes that needed alternative water supplies to stop potentially injurious exposures. Seth's more recent work has identified a whole new generation of PFAS that are present in the Tennessee River, potentially causing exposures in this population.

The early research in North Carolina was the first effort to map PFAS levels in an entire water shed in the US in 2007. It was important because we found multiple sources of many different PFAS throughout the basin, suggesting the likelihood that this major drinking water resource could be responsible for exposures in the entire region. Mark's latest paper also identified a range of new PFAS that came into production after USEPA's Stewardship Program restricted the use of PFOS and PFOA. The final paper in this series (Sun et al.) conclusively demonstrated that these new PFAS were present in the drinking water in Wilmington, North Carolina (this paper also won "a Best Paper of the Year Award 2016 for ES&T Letters).

The fish work in Minnesota was done at the request of MN Department of Health and their DNR to map out the distribution of PFAS contaminated fisheries resources. The related work on the Upper Mississippi River Basin (including MN, WI, IL, IA, MO) was the first to characterize large scale surface water distributions in the US.

Please give me a call tomorrow a 919-302-6635 if you find that you need more information.

Thank you very much for highlighting our work!

Andy

From: Autrey, Brad

Sent: Thursday, April 27, 2017 3:41 PM

To: Lindstrom, Andrew <Lindstrom.Andrew@epa.gov>; Strynar, Mark <Strynar.Mark@epa.gov>

Cc: Buckley, Timothy <Buckley.Timothy@epa.gov>; Zambrana, Jose <Zambrana.Jose@epa.gov>; Biales, Adam <Biales.Adam@epa.gov>; Medina-Vera, Myriam <Medina-Vera.Myriam@epa.gov>

Subject: RE: Need your immediate attention - re: case studies on research and technical assistance for States

Thanks Andy. This is great.

Thinking about highlighting State partnerships and/or assisting States and communities, are there any one or two of these studies that you think would be particularly strong examples?

Brad Autrey

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From: Lindstrom, Andrew

Sent: Thursday, April 27, 2017 3:31 PM

To: Autrey, Brad <Autrey.Brad@epa.gov>; Strynar, Mark <Strynar.Mark@epa.gov>

Cc: Buckley, Timothy <Buckley.Timothy@epa.gov>; Zambrana, Jose <Zambrana.Jose@epa.gov>; Biales, Adam <Biales.Adam@epa.gov>; Medina-Vera, Myriam <Medina-Vera.Myriam@epa.gov>

Subject: RE: Need your immediate attention - re: case studies on research and technical assistance for States

Brad,

We've done a great deal of work in North Carolina, Alabama, Minnesota, Wisconsin, Illinois, and Ohio.

I'd summarize these studies as being methods development efforts designed to characterize the occurrence of PFAS in environmental matrices that are important influences of exposure. This includes research on ground, surface, and drinking water; freshwater fish; bald eagles; soil; and house dust.

Please let me know if I can help (I'm off tomorrow though).

Thank you very much,

Andy

From: Autrey, Brad

Sent: Thursday, April 27, 2017 3:16 PM

To: Lindstrom, Andrew <Lindstrom.Andrew@epa.gov>; Strynar, Mark <Strynar.Mark@epa.gov>

Cc: Buckley, Timothy <Buckley.Timothy@epa.gov>; Zambrana, Jose <Zambrana.Jose@epa.gov>

Subject: FW: Need your immediate attention - re: case studies on research and technical assistance for States

Andy and Mark-

See the thread below. Bob Kavlock and Jennifer are asking if we can get together another PFAS write up for the technical assistance to States case studies.

If you have anything about Cape Fear, Alabama, or any other state assistance PFAS studies that we haven't already written up already, please let me know.

I'll take whatever you have and draft a write up in the case study format for your review.

Thanks,
Brad

Brad Autrey

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Personal Phone / Ex. 6

From: Watkins, Tim

Sent: Thursday, April 27, 2017 1:54 PM

To: Orme-Zavaleta, Jennifer <Orme-Zavaleta.Jennifer@epa.gov>; Matthews, Lisa <Matthews.Lisa@epa.gov>; Autrey, Brad <Autrey.Brad@epa.gov>; Buckley, Timothy <Buckley.Timothy@epa.gov>

Subject: RE: Need your immediate attention - re: case studies on research and technical assistance for States

I am thinking that Andy Lindstrom may have done some work in the Cape Fear River basin.

Tim Watkins

Deputy Director

National Exposure Research Laboratory

Office of Research and Development

US EPA

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From: Orme-Zavaleta, Jennifer
Sent: Thursday, April 27, 2017 1:44 PM
To: Matthews, Lisa <Matthews.Lisa@epa.gov>; Watkins, Tim <Watkins.Tim@epa.gov>; Autrey, Brad <Autrey.Brad@epa.gov>; Buckley, Timothy <Buckley.Timothy@epa.gov>
Subject: RE: Need your immediate attention - re: case studies on research and technical assistance for States

Brad, can you follow up? We have nj, ala, and maybe others. Follow up w Tim B, Andy L, Mark S to start w, thanks

Jennifer Orme-Zavaleta, PhD
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From: Matthews, Lisa
Sent: Thursday, April 27, 2017 1:39 PM
To: Orme-Zavaleta, Jennifer <Orme-Zavaleta.Jennifer@epa.gov>; Watkins, Tim <Watkins.Tim@epa.gov>
Subject: RE: Need your immediate attention - re: case studies on research and technical assistance for States

Bob wants to include a PFAS story or two. Is the one pasted below accurate? Also, is someone in NERL working to identify classes of PFAS in the Cape Far River area???? If so, could you ask someone to write that up?

Deliberative Process / Ex. 5

From: Orme-Zavaleta, Jennifer
Sent: Thursday, April 27, 2017 1:36 PM
To: Matthews, Lisa <Matthews.Lisa@epa.gov>
Subject: FW: Need your immediate attention - re: case studies on research and technical assistance for States

fyi

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From: Autrey, Brad
Sent: Thursday, April 27, 2017 1:30 PM
To: Orme-Zavaleta, Jennifer <Orme-Zavaleta.Jennifer@epa.gov>; Kryak, DavidD <Kryak.Davidd@epa.gov>; Watkins, Tim <Watkins.Tim@epa.gov>
Cc: Smith, Emily J. <Smith.Emily@epa.gov>
Subject: RE: Need your immediate attention - re: case studies on research and technical assistance for States

This is my understanding of where NERL stands with this effort.

We have submitted everything ORD requested but we are hoping to be able to add two more quotes to what we have written.

- One of these is for the Wisconsin EnviroAtlas case study. We have a quote but it has not yet been cleared by State officials. They apparently have extra clearance hoops when being quoted by federal partners.
- The other is for the Florida EnviroAtlas case study. We're not getting anything back from the Tampa folks but we'll keep trying until the deadline is passed.

Let me know if you have any questions.
-Brad

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From: Orme-Zavaleta, Jennifer
Sent: Thursday, April 27, 2017 11:53 AM
To: Kryak, DavidD <Kryak.Davidd@epa.gov>; Watkins, Tim <Watkins.Tim@epa.gov>; Autrey, Brad <Autrey.Brad@epa.gov>
Subject: FW: Need your immediate attention - re: case studies on research and technical assistance for States

See below and see what else we can do, thanks

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From: Robbins, Chris
Sent: Thursday, April 27, 2017 11:34 AM
To: ORD-Exec-Council-Directors <Execcouncildirectors@epa.gov>
Cc: Matthews, Lisa <Matthews.Lisa@epa.gov>
Subject: Need your immediate attention - re: case studies on research and technical assistance for States

Hi Everyone,

Following up our discussion at the EC meeting, folks in our organization have been working hard together to pull together new case studies highlighting how EPA research and technical assistance have helped the states. These case studies help demonstrate the direct benefit of ORD's scientific and technical work to states and their communities. Perhaps now more than ever our partnership with ERIS and the states is extremely important.

Your folks on the State Coordination Team (listed below) and the Communications staff have been a huge help in pulling together these case studies. But we are not done yet, and have a number of case studies where we need some additional information. **I need your continued "all hands on deck" support to help us complete this case study compilation by May 1.**

Lisa Matthews, ORD State Liaison, has reached out to the State Coordination Team for some clarification and assistance in reaching out to some local officials for quotes to strengthen our case study narratives. In turn, Lisa is working with ECOS to request quotes from state officials where appropriate about the impact of EPA ORD's work on each project. Please feel free to follow-up directly with Lisa (202-564-6669) if you have any questions on outstanding items.

Our goal is to have a final document to share with ERIS by early next week. We will share the final document with everyone when complete. Thanks again for your continued support of our state engagement work.

Chris

State Coordination Team:
NERL – David Kryak
NHEERL – Bill Fisher
NRMRL – Alice Gilliland
NCCT – Monica Linnenbrink
NCEA – Emma Lavoie
NCER – Cynthia McOliver
NHSRC – Emily Snyder/Kathy Nickel
NPD Liaison – Joe Williams
Regional Science Program Liaison – Maggie LaVay
ORD State Liaison – Lisa Matthews

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